Form 3860-10 (February 1987)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

4875 State

Arizona **Land District**

Mineral Survey Number

Arizona

FIELD NOTES

Of the Survey of the Mining Claim of (name and address of claimant)

GREFCO, Inc. P. O. Box 939 Lompoc, CA 93438

Known as the (name of group, if any)

LIT. Group

NAME OF CLAIM(S)

	DATE			BLM
NAME OF LOCATION	LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	MINING CLAIM SERIAL NUMBER
				A MC
LIT NO. 1	8-11-89	8-14-89	9-20-89	298908
LIT NO. 2	8-11-89	8-14-89	9-20-89	298909
LIT. # 3	9-2-85	9-3-85	9-19-85	244339
Amended	12-6-89	12-7-89	12-28-89	
LIT. # 4	4-10-80	4-10-80	5-8-80	104033
Amended	12-6-89	12-7-89	12-28-89	
LIT. # 15	9-2-85	9-3-85	9-19-85	244340
Amended	12-6-89	12-7-89	12-28-89	
LIT. # 16	9-2-85	9-3-85	9-19-85	244341
Amended	12-6-89	12-7-89	12-28-89	
LIT. #5	4-10-80	4-10-80	5-8-80	104034
Amended	12-6-89	12-7-89	12-28-89	
LIT NO. 6	8-10-89	8-14-89	9-20-89	298910
LIT. # 13	8-10-89	8-14-89	9-20-89	298914
Amended	8-10-89	10-30-89	10-20-89	
2nd Amended	1-4-90	1-11-90	1-16-90	
LIT. # 10	6-14-83	6-14-83	7-27-83	201589
Amended	12-6-89	12-7-89	12-28-89	
LIT. # 9	6-14-83	6-14-83	7-27-83	201588
Amended	12-6-89	12-7-89	12-28-89	
LIT. # 8	5-6-81	5-6-81	6-4-81	130722
Amended	12-6-89	12-7-89	12-28-89	

LOCATION OF CLAIM(S)

Mining district			County		
Pioneer			Pinal		
Section & 30	Township	Range	Meridian	Survey under order dated	
19, 20 29	1 South	12 East	Gila & Salt River		
Survey commenced Survey completed		Name of Mineral Surveyor			
3/8/90 4/15/90		Harvey W. Smith			

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

		NAME OF	CLAIM(S)			
					DATE		BLM
	NAME OF LOC	CATION		LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	MINING CLAIM SERIAL NUMBER
							A MC
LIT NO				8-11-89	8-14-89	9-20-89	29893
LIT NO					8-14-89	1	29893
LIT NO				8-11-89	8-14-89	9-20-89	29893
LIT. #	18			5-6-81	5-6-81	6-4-81	1307
	mended			12-6-89	12-7-89	12-28-89	
LIT. #	11			4-10-80	4-10-80	5-8-80	10403
A	mended			12-6-89	12-7-89	12-28-89	
LIT. #	12			12-6-89	12-7-89	12-28-89	30036
LIT. #	20			12-6-89	12-7-89	12-28-89	30036
LIT. #	19			4-10-80	4-10-80	5-8-80	10403
A	mended			12-6-89	12-7-89	12-28-89	
LIT NO	. 21			8-11-89	8-14-89	9-20-89	29893
						1	
Mining district		LOCATION	OF CLA	IM(S)			

FEET

This survey was made with a Swiss Kern theodolite, Model DKM 1, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and 20-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to ten-second accuracy and estimating to one-second accuracy. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of horizontal-angles-right referred to the meridian determined by the following observation:

March 8, 1990, at Cor. No. 2 of the LIT. #5 lode, in latitude 33°19.1'N. and longitude lll°10.1'W., elevation 2,680 ft. above sea level, and temperature 60°F., make a series of six altitude observations on the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle right from a reference point about 1,700 ft. northeastward to the sun.

Mean time of observation, 105th meridian standard time

= 8h 30m 15s a.m.

Declination of sun at mean time of observation

= 4°49'11.2"S.

Mean observed vertical angle to sun's center

= 24°29'38"

Mean horizontal angle from reference point clockwise to sun's center

= 65°28'07"

True bearing to reference point

 $= N.48^{\circ}42'23''E.$

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths; the tape was compared to an Invar standard tape at the beginning of the survey and found to be correct. In addition to the steel tape, a Nikon ND-21 infrared distance measuring unit was used to measure some of the lines. Its accuracy was checked against a line measured with the foregoing steel tape and found to be correct.

All lines and connections of this survey were run by direct methods.

	Filleral Survey No. 4875
FEET	
	The magnetic declination observed at each corner of the survey gave a uniform value of 14°E.
	Mineral Survey No. 4875
	LIT NO. 1 LODE
	At Cor. No. 1 of the LIT NO. 1 lode, identical with Cor. No. 1 of the LIT NO. 2 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.1 1 L.2 1 U.S.M.S. 4875 from which
	The sec. cor. of secs. 19, 20, 29 & 30, bears S.28°59'10'W., 1,367.86 ft. dist., hereinafter described.
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
593.5	Center of unimproved dirt road, 12 ft. wide, bears N.30°W. and S.30°E.
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LIT NO. 2 lode and on line 3-4, LIT NO. 7C lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.1 2 L.2 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 300.00 ft. dist.
500.	Center of unimproved dirt road, 12 ft. wide, bears N.30°E. and S.30°W.

	Mineral Survey No. 4875
FEET	
599.50	Cor. No. 3, on line 3-4 LIT NO. 7C lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.1 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	S.89°47'07"E.
631.	Center of unimproved dirt road, 12 ft. wide, bears N.15°W. and S.15°E.
1,499.50	Cor. No. 4.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.1 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 1,199.50 ft. dist.
599.50	Cor. No. 1, and place of beginning.
by this	LIT NO. 2 LODE
	Beginning at Cor. No. 1 of the LIT NO. 2 lode, identical with Cor. No. 1 of the LIT NO. 1 lode of this survey.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 1,349.50 ft. dist.
599.50	Cor. No. 2, on line 2-3 LIT. #15 lode of this survey.

	Tabletal Barvey No. 4075
FEET	
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.2 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
142.38	Center of unimproved dirt road, 12 ft. wide, bears N.10°W. and S.10°E.
658.38	Cor. No. 2 of the LIT. #15 lode, identical with Cor. No. 4 of the LIT. #3 lode, both of this survey.
836.88	Center of unimproved dirt road, 12 ft. wide, bears N.55°E. and S.55°W.
1,230.88	Center of unimproved dirt road, 12 ft. wide, bears N.47°W. and S.47°E.
1,402.88	Center of unimproved dirt road, 12 ft. wide, bears N.62°E. and S.62°W.
1,499.50	Cor. No. 3, identical with Cor. No. 4 of the LIT NO. 7C lode and on line 3-4 LIT. #3 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.2 3 L.7C 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 150.00 ft. dist.
326.	Center of unimproved dirt road, 12 ft. wide, bears N.40°W. and S.40°E.
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT NO. 1 lode and on line 3-4 LIT NO. 7C lode, both of this survey.
	Thence S.89°47'07"E.

	Mineral Survey No. 4875
FEET	
906.	Center of unimproved dirt road, 12 ft. wide, bears N.30°W. and S.30°E.
1,499.50	Cor. No. 1, and place of beginning.
	LIT. #3 LODE
	At Cor. No. 1 of the LIT. #3 lode, identical with Cor. No. 1 of the LIT. #15 lode, Cor. No. 1 of the LIT. #16 lode and Cor. No. 1 of the LIT. #4 lode, all of this survey and the sec. cor. of secs. 19, 20, 29 & 30, T.1 S., R.12 E., G.& S.R.M.
	Found an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. to which I add marks X L.3 1 L.15 1 L.16 1 L.4 1 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
1,026.5	Center of unimproved dirt road, 12 ft. wide, bears N.20°E. and S.20°W.
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #4 lode, Cor. No. 2 of the LIT. #9 lode and Cor. No. 4 of the LIT. #8 lode, all of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.3 2 L.4 4 L.9 2 L.8 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 1,479.50 ft. dist.
599.50	Cor. No. 3, identical with Cor. No. 3 of the LIT. #8 lode and on line 4-1 LIT NO. 7B lode, both of this survey.

	Mineral Survey No. 4875
FEET	
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.3 3 L.8 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
58.88	Center of unimproved dirt road, 12 ft. wide, bears N.65°E. and S.65°W. and point for Cor. No. 4 of the LIT NO. 7B lode, identical with the point for Cor. No. 1 of the LIT NO. 7C lode, both of this survey.
658.38	Cor. No. 4 of the LIT NO. 7C lode, identical with Cor. No. 3 of the LIT NO. 2 lode, both of this survey.
755.	Center of unimproved dirt road, 12 ft. wide, bears N.62°E. and S.62°W.
927.	Center of unimproved dirt road, 12 ft. wide, bears N.47°W. and S.47°E.
1,321.	Center of unimproved dirt road, 12 ft. wide, bears N.55°E and S.55°W.
1,499.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #15 lode and on line 2-3 LIT NO. 2 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.3 4 L.15 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 20.00 ft. dist.
599.50	Cor. No. 1, and place of beginning.

	Milleral Survey No. 4875
FEET	
	LIT. #4 LODE
	Beginning at Cor. No. 1 of the LIT. #4 lode, identical with Cor. No. 1 of the LIT. #3 lode, Cor. No. 1 of the LIT. #15 lode and Cor. No. 1 of the LIT. #16 lode, all of this survey, and sec. cor. of secs. 19, 20, 29 & 30.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 1,319.50 ft. dist.
599.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #16 lode and Cor. No. 4 of the LIT. #5 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.4 2 L.16 4 L.5 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
861.	Center of unimproved dirt road, 12 ft. wide, bears N.10°E. and South.
1,358.5	Center of unimproved dirt road, 15 ft. wide, bears N.10°E. and S.10°W.
1,499.50	Cor. No. 3, identical with Cor. No. 3 of the LIT. #5 lode, Cor. No. 3 of the LIT. #10 lode and Cor. No. 3 of the LIT. #9 lode, all of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.4 3 L.5 3 L.10 3 L.9 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 180.00 ft. dist.

	Mineral Survey No. 4875
FEET	
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #9 lode, Cor. No. 4 of the LIT. #8 lode and Cor. No. 2 of the LIT. #3 lode, all of this survey.
	Thence S.89°47'07"E.
473.	Center of unimproved dirt road, 15 ft. wide, bears N.20°E. and S.20°W.
1,499.50	Cor. No. 1, and place of beginning.
	LIT. #15 LODE
	Beginning at Cor. No. 1 of the LIT. #15 lode, identical with Cor. No. 1 of the LIT. #16 lode, Cor. No. 1 of the LIT. #4 lode and Cor. No. 1 of the LIT. #3 lode, all of this survey, and sec. cor. of secs. 19, 20, 29 & 30.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 60.00 ft. dist.
599.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #3 lode and on line 2-3, LIT NO. 2 lode, both of this survey.
	Thence S.89°47'07"E.
516.	Center of unimproved dirt road, 12 ft. wide, bears N.10°W. and S.10°E
658.38	Cor. No. 2 of the LIT NO. 2 lode of this survey.
1,499.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.15 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07W., 1,439.50 ft. dist.

	Mineral Survey No. 4875
FEET	
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #16 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.15 4 L.16 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
658.	Center of unimproved dirt road, 12 ft. wide, bears N.05°E. and S.05°W.
1,499.50	Cor. No. 1, and place of beginning.
	LIT. #16 LODE
	Beginning at Cor. No. 1 of the LIT. #16 lode, identical with Cor. No. 1 of the LIT. #4 lode, Cor. No. 1 of the LIT. #3 lode and Cor. No. 1 of the LIT. #15 lode, all of this survey, and sec. cor. for secs. 19, 20, 29 & 30.
	Thence S.89°47'07"E.
841.5	Center of unimproved dirt road, 12 ft. wide, bears N.05°E. and S.05°W.
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #15 lode of this survey.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 1,489.50 ft. dist.
599.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.16 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.

FEET	
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
482.	Center of unimproved dirt road, 12 ft. wide, bears N.25°W. and S.10°E.
628.	Center of unimproved dirt road, 12 ft. wide, bears N.50°E. and S.50°W.
690.	Center of unimproved dirt road, 12 ft. wide, bears N.50°W. and S.50°E.
1,499.50	Cor. No. 4, identical with Cor. No. 4 of the LIT. #5 lode and Cor. No. 2 of the LIT. #4 lode, both of this survey.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 10.00 ft. dist.
599.50	Cor. No. 1, and place of beginning.
	LIT. #5 LODE
	At Cor. No. 1 of the LIT. #5 lode, identical with Cor. No. 1 of the LIT NO. 6 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.5 l L.6 l U.S.M.S. 4875; from which
	The sec. cor. of secs. 19, 20, 29 & 30, bears N.0°12'53"E., 1,199.00 ft. dist., hereinbefore described.
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
551.5	Center of unimproved dirt road, 12 ft. wide, bears N.10°E. and S.10°W.
720.5	Center of unimproved dirt road, 12 ft. wide, bears N.25°W. and S.25°E.
1,053.5	Center of unimproved dirt road, 12 ft. wide, bears N.50°E. and S.50°W.

213. Ce S. 299.75 Lo 334. Ce We 599.50 Co	or. No. 2, identical with Cor. No. 4 of the LIT NO. 6 lode, or. No. 2 of the LIT. #13 lode and Cor. No. 4 of the LIT. #10 ode, all of this survey. et an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the round, in a concrete and rock base, with a brass cap firmly ecured to the iron post, mkd. X L.5 2 L.6 4 L.13 2 L.10 4.S.M.S. 4875; from which A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post. o local bearing objects or bearing trees available. Thence N.0°12'53"E. enter of unimproved dirt road, 15 ft. wide, bears N.75°E. and .75°W. ode line; discovery point bears S.89°47'07"E., 180.00 ft. dist. enter of unimproved dirt road, 12 ft. wide, bears East and
213. Ce S. 299.75 Lo We S99.50 Co	or. No. 2 of the LIT. #13 lode and Cor. No. 4 of the LIT. #10 ode, all of this survey. et an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the round, in a concrete and rock base, with a brass cap firmly ecured to the iron post, mkd. X L.5 2 L.6 4 L.13 2 L.10 4 .S.M.S. 4875; from which A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post. o local bearing objects or bearing trees available. Thence N.0°12'53"E. enter of unimproved dirt road, 15 ft. wide, bears N.75°E. and .75°W. ode line; discovery point bears S.89°47'07"E., 180.00 ft. dist. enter of unimproved dirt road, 12 ft. wide, bears East and
213. Ce S. 299.75 Le We S. 599.50 Ce	round, in a concrete and rock base, with a brass cap firmly ecured to the iron post, mkd. X L.5 2 L.6 4 L.13 2 L.10 4 .S.M.S. 4875; from which A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post. o local bearing objects or bearing trees available. Thence N.0°12'53"E. enter of unimproved dirt road, 15 ft. wide, bears N.75°E. and .75°W. ode line; discovery point bears S.89°47'07"E., 180.00 ft. dist. enter of unimproved dirt road, 12 ft. wide, bears East and
213. Ce S. 299.75 Le We We 599.50 Ce	sets adjacent to the iron post. o local bearing objects or bearing trees available. Thence N.0°12'53"E. enter of unimproved dirt road, 15 ft. wide, bears N.75°E. and .75°W. ode line; discovery point bears S.89°47'07"E., 180.00 ft. dist. enter of unimproved dirt road, 12 ft. wide, bears East and
213. Ce S. 299.75 Le We We 599.50 Ce	Thence N.0°12'53"E. enter of unimproved dirt road, 15 ft. wide, bears N.75°E. and .75°W. ode line; discovery point bears S.89°47'07"E., 180.00 ft. dist. enter of unimproved dirt road, 12 ft. wide, bears East and
299.75 Lo 334. Ce We 599.50 Co	enter of unimproved dirt road, 15 ft. wide, bears N.75°E. and .75°W. ode line; discovery point bears S.89°47'07"E., 180.00 ft. dist. enter of unimproved dirt road, 12 ft. wide, bears East and
299.75 Lo 334. Ce We 599.50 Co	.75°W. ode line; discovery point bears S.89°47'07"E., 180.00 ft. dist. enter of unimproved dirt road, 12 ft. wide, bears East and
334. Ce We	enter of unimproved dirt road, 12 ft. wide, bears East and
599.50 Cd	
599.50 Co	est.
	or. No. 3, identical with Cor. No. 3 of the LIT. #10 lode, Cor. to. 3 of the LIT. #9 lode and Cor. No. 3 of the LIT. #4 lode, ll of this survey.
	Thence S.89°47'07E.
	enter of unimproved dirt road, 15 ft. wide, bears N.10°E. and 1.10°W.
	enter of unimproved dirt road, 12 ft. wide, bears N.10°E. and outh.
1,499.50 Cd	or. No. 4, identical with Cor. No. 2 of the LIT. #4 lode and or. No. 4 of the LIT. #16 lode, both of this survey.
	Thence S.0°12'53'W.
	ode line; discovery point bears N.89°47'07'W., 1,319.50 ft.
599.50 C	or. No. 1, and place of beginning.

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FEET	
	LIT NO. 6 LODE
	Beginning at Cor. No. 1 of the LIT NO. 6 lode, identical with Cor. No. 1 of the LIT. #5 lode of this survey.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 220.00 ft. dist.
427.20	Witness cor. for Cor. No. 2.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.C. L.6 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
527.	Right bank of local drainage, 50. ft. wide, course S.30°W.
599.50	Point for Cor. No. 2.
	This cor. falls in a wash where a permanent monument would be obliterated.
	Thence N.89°47'07'W.
20.	Right bank of local drainage, 50. ft. wide, course South.
1,499.50	Cor. No. 3, identical with Cor. No. 3 of the LIT. #13 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.6 3 L.13 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 1,279.50 ft. dist.

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FEET	
476.5	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #13 lode, Cor. No. 4 of the LIT. #10 lode and Cor. No. 2 of the LIT. #5 lode, all of this survey.
	Thence S.89°47'07"E.
446.	Center of unimproved dirt road, 12 ft. wide, bears N.50°E. and S.50°W.
779.	Center of unimproved dirt road, 12 ft. wide, bears N.25°W. and S.25°E.
948.	Center of unimproved dirt road, 12 ft. wide, bears N.10°E. and S.10°W.
1,499.50	Cor. No. 1, and place of beginning.
	LIT. #13 LODE
	At Cor. No. 1 of the LIT. #13 lode, identical with Cor. No. 1 of the LIT. #10 lode and on line 1-2 LIT. #12 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.13 1 L.10 1 U.S.M.S. 4875; from which
	The 1/4 sec. cor. of secs. 19 & 30, bears N.16°53'59"E., 1,251.70 ft. dist., monumented with an iron post, 1 in. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd.
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
82.	Center of unimproved dirt road, 12 ft. wide bears N.75°E. and S.75°W.
1,018.5	Center of unimproved dirt road, 15 ft. wide, bears N.62°E. and S.62°W.

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FEET	
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #10 lode, Cor. No. 2 of the LIT. #5 lode and Cor. No. 4 of the LIT NO. 6 lode, all of this survey.
	Thence S.0°12'53'W.
123.	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.
299.75	Lode line; discovery point bears N.89°47'07'W., 100.00 ft. dist.
599.50	Cor. No. 3, identical with Cor. No. 3 of the LIT NO. 6 lode of this survey.
	Thence N.89°47'07'W.
1,021.	Center of unimproved dirt road, 12 ft. wide, bears N.35°E. and S.35°W.
1,052.	Center of unimproved dirt road, 15 ft. wide, bears N.30°E. and S.30°W.
1,499.50	Cor. No. 4.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.13 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
299.00	Cor. No. 2 of the LIT. #12 lode of this survey.
299.75	Lode line; discovery point bears S.89°47'07"E., 1,399.50 ft. dist.
577.5	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.
599.50	Cor. No. 1, and place of beginning.

FEET	
	LIT. #10 LODE
	Beginning at Cor. No. 1 of the LIT. #10 lode, identical with Cor. No. 1 of the LIT. #13 lode and on line 1-2, LIT. #12 lode, both of this survey.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 1,249.50 ft. dist.
599.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #9 lode and on line 1-2, LIT. #12 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.10 2 L.9 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
1,499.50	Cor. No. 3, identical with Cor. No. 3 of the LIT. #9 lode, Cor. No. 3 of the LIT. #4 lode and Cor. No. 3 of the LIT. #5 lode, all of this survey.
	Thence S.0°12'53'W.
265.5	Center of unimproved dirt road, 12 ft. wide, bears East and West.
299.75	Lode line; discovery point bears N.89°47'07"E., 250.00 ft. dist.
386.5	Center of unimproved dirt road, 15 ft. wide, bears N.75°E. and S.75°W.
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #5 lode, Cor. No. 4 of the LIT NO. 6 lode and Cor. No. 2 of the LIT. #13 lode, all of this survey.
	Thence N.89°47'07W.
481.	Center of unimproved dirt road, 15 ft. wide, bears N.62°E. and S.62°W.
1,417.5	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.

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FEET	
1,499.50	Cor. No. 1, and place of beginning.
	LIT. #9 LODE
	At Cor. No. 1 of the LIT. #9 lode, identical with Cor. No. 1 of the LIT. #12 lode and on line 1-2 LIT. #11 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.9 l L.12 l U.S.M.S. 4875; from which
	The 1/4 sec. cor. of secs. 19 & 30, bears S.89°47'07"E., 359.38 ft. dist., hereinbefore described.
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07:E.
359.38	Cor. No. 1 of the LIT. #11 lode, identical with Cor. No. 1 of the LIT. #8 lode, both of this survey and the 1/4 sec. cor. of secs. 19 & 30.
420.	Center of unimproved dirt road, 12 ft. wide, bears N.35°E. and S.35°W.
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #8 lode, Cor. No. 2 of the LIT. #3 lode and Cor. No. 4 of the LIT. #4 lode, all of this survey.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 1,249.50 ft. dist.
599.50	Cor. No. 3, identical with Cor. No. 3 of the LIT. #4 lode, Cor. No. 3 of the LIT. #5 lode and Cor. No. 3 of the LIT. #10 lode, all of this survey.
	Thence N.89°47'07'W.
1,499.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #10 lode and on line 1-2, LIT. #12 lode, both of this survey.
	Thence N.0°12'53"E.

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FEET	
299.75	Lode line; discovery point bears S.89°47'07"E., 250.00 ft. dist.
347.	Center of unimproved dirt road, 12 ft. wide, bears N.75°E. and S.75°W.
599.50	Cor. No. 1, and place of beginning.
	LIT. #8 LODE
	At Cor. No. 1 of the LIT. #8 lode, identical with Cor. No. 1 of the LIT. #11 lode and on line 1-2 LIT. #9 lode, both of this survey, and the 1/4 sec. cor. of secs. 19 & 30.
	Found an iron post, 1 in. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. to which I add marks L.8 1 L.11 1 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
299.75	Lode line; discovery point bears S.89°47'07"E., 1,020.12 ft. dist.
379.	Center of unimproved dirt road, 12 ft. wide, bears N.75°W. and S.75°E.
599.50	Cor. No. 2, identical with Cor. No. 2 of the LIT NO. 7A lode and on line 4-1, LIT. #11 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.8 2 L.7A 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
572.	Center of unimproved dirt road, 12 ft. wide, bears N.65°E. and S.65°W.
599.50	Cor. No. 1 of the LIT NO. 7A lode, identical with Cor. No. 1 of the LIT NO. 7B lode, both of this survey.

	Miletal barvey No. 40/3
FEET	
1,140.12	Cor. No. 3, identical with Cor. No. 3 of the LIT. #3 lode and on line 4-1, LIT NO. 7B lode, both of this survey.
	Thence S.0°12'53'W.
299.75	Lode line; discovery point bears N.89°47'07'W., 120.00 ft. dist.
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #3 lode, Cor. No. 4 of the LIT. #4 lode and Cor. No. 2 of the LIT. #9 lode, all of this survey.
	Thence N.89°47'07'W.
1,079.5	Center of unimproved dirt road, 12 ft. wide, bears N.35°E. and S.35°W.
1,140.12	Cor. No. 1, and place of beginning.
	LIT NO. 7A LODE
	At Cor. No. 1 of the LIT NO. 7A lode, identical with Cor. No. 1 of the LIT NO. 7B lode and on line 2-3, LIT. #8 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.7A 1 L.7B 1 U.S.M.S. 4875; from which
	The 1/4 sec. cor. of secs. 19 & 30, bears S.45°12'52'W., 847.83 ft. dist., hereinbefore described.
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
27.5	Center of unimproved dirt road, 12 ft. wide, bears N.65°E. and S.65°W.
299.75	Lode line; discovery point bears N.0°12'53"E., 75.00 ft. dist.
599.50	Cor. No. 2, identical with Cor. No. 2 of the LIT. #8 lode and on line 4-1, LIT. #11 lode, both of this survey.
	Thence N.0°12'53"E.
722.50	Intersect line 1-2, LIT. #18 lode of this survey.

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FEET	
900.00	Cor. No. 4 of the LIT. #11 lode of this survey.
906.	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.
1,322.00	Intersect line 3-4, LIT. #18 lode of this survey.
1,499.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.7A 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
299.75	Lode line; discovery point bears S.0°12'53'W., 1,424.50 ft. dist.
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT NO. 7B lode of this survey.
	Thence S.0°12'53'W.
177.50	Intersect line 3-4, LIT. #18 lode of this survey.
430.5	Center of unimproved dirt road, 12 ft. wide, bears N.60°W. and S.60°E.
777.00	Intersect line 1-2, LIT. #18 lode of this survey.
1,487.5	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.
1,499.50	Cor. No. 1, and place of beginning.
	LIT NO. 7B LODE
	Beginning at Cor. No. 1 of the LIT NO. 7B lode, identical with Cor. No. 1 of the LIT NO. 7A lode and on line 2-3, LIT. #8 lode, both of this survey.
	Thence N.0°12'53"E.

	Miletal bulve, no. 4075
FEET	
12.	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.
722.50	Intersect line 1-2, LIT. #18 lode of this survey.
1,069.	Center of unimproved dirt road, 12 ft. wide, bears N.60°W. and S.60°E.
1,322.00	Intersect line 3-4, LIT. #18 lode of this survey.
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LIT NO. 7A lode of this survey.
	Thence S.89°47'07"E.
299.75	Lode line; discovery point bears S.0°12'53'W., 1,199.50 ft. dist.
384.	Center of unimproved dirt road, 12 ft. wide, bears N.10°E. and S.10°W.
599.50	Cor. No. 3, identical with Cor. No. 2 of the LIT NO. 7C lode of this survey.
	Thence S.0°12'53'W.
111.5	Center of unimproved dirt road, 12 ft. wide, bears East and West.
1,479.50	Witness cor. for Cor. No. 4, identical with the witness cor. for Cor. No. 1 of the LIT No. 7C lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.C. L.7B 4 L.7C l U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
1,499.50	Point for Cor. No. 4, identical with the point for Cor. No. 1 of the LIT NO. 7C lode and on line 3-4, LIT. #3 lode, both of this survey. From this point
	The 1/4 sec. cor. of secs. 19 & 30, bears S.63°38'57'W., 1,340.53 ft. dist., hereinbefore described.
	This cor. falls in a road where a permanent monument would be obliterated.

FEET	
	Thence N.89°47'07'W.
58.88	Cor. No. 3 of the LIT. #3 lode, identical with Cor. No. 3 of the LIT. #8 lode, both of this survey.
299.75	Lode line; discovery point bears N.0°12'53"E., 300.00 ft. dist.
599.50	Cor. No. 1, and place of beginning.
	LIT NO. 7C LODE
	Beginning at the point for Cor. No. 1 of the LIT NO. 7C lode, identical with the point for Cor. No. 4 of the LIT NO. 7B lode and on line 3-4, LIT. #3 lode, both of this survey. From this point
	The 1/4 sec. cor. of secs. 19 & 30, bears S.63°38'57'W., 1,340.53 ft. dist., hereinbefore described.
	This cor. falls in a road where a permanent monument would be obliterated.
	Thence N.0°12'53'W.
20.00	Witness cor. for Cor. No. 1, identical with the witness cor. for Cor. No. 4 of the LIT NO. 7B lode of this survey.
1,388.	Center of unimproved dirt road, 12 ft. wide, bears East and West.
1,499.50	Cor. No. 2, identical with Cor. No. 3 of the LIT NO. 7B lode of this survey.
	Thence S.89°47'07"E.
289.	Center of unimproved dirt road, 12 ft. wide, bears N.70°E. and S.70°W.
299.75	Lode line; discovery point bears S.0°12'53'W., 1,439.50 ft. dist.
599.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.7C 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.

	Marie and Salvey No. 1070
FEET	
	No local bearing objects or bearing trees available.
	Thence S.0°12'53'W.
300.50	Cor. No. 3 of the LIT NO. 1 lode of this survey.
400.	Center of unimproved dirt road, 12 ft. wide, bears N.40°E. and S.40°W.
900.00	Cor. No. 2 of the LIT NO. 1 lode, identical with Cor. No. 4 of the LIT NO. 2 lode, both of this survey.
1,173.5	Center of unimproved dirt road, 12 ft. wide, bears N.40°W. and S.40°E.
1,499.50	Cor. No. 4, identical with Cor. No. 3 of the LIT NO. 2 lode and on line 3-4, LIT. #3 lode, both of this survey.
	Thence N.89°47'07'W.
299.75	Lode line; discovery point bears N.0°12'53"E., 60.00 ft. dist.
599.50	Point for Cor. No. 1, and place of beginning.
	LIT. #18 LODE
	At Cor. No. 1 of the LIT. #18 lode.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.18 1 U.S.M.S. 4875; from which
	The 1/4 sec. cor. of secs. 19 & 30, bears S.29°49'37'W., 1,520.61 ft. dist., hereinbefore described.
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
151.88	Intersect line 1-2, LIT NO. 7B lode, common with line 4-1, LIT NO. 7A lode, both of this survey.
751.38	
	1, LIT. #11 lode, both of this survey.

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FEET	
866.	Center of unimproved dirt road, 12 ft. wide, bears N.20°E. and S.20°W.
1,350.88	Intersect line 2-3, LIT. #11 lode, common with line 3-4, LIT. #19 lode, both of this survey.
1,499.50	Cor. No. 2.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.18 2 U.S.M.S. 4875; from which
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
177.50	Intersect line 2-3, LIT. #19 lode of this survey.
299.75	Lode line; discovery point bears S.89°47'07"E., 480.00 ft. dist.
599.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.18 3 U.S.M.S. 4875; from which
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
748.12	Intersect line 2-3, LIT NO. 7A lode of this survey.
1,347.62	Intersect line 4-1, LIT NO. 7A lode, common with line 1-2, LIT NO. 7B lode, both of this survey.
1,499.50	Cor. No. 4.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.18 4 U.S.M.S. 4875; from which

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FEET	
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.0°12'53"W.
249.	Center of unimproved dirt road, 12 ft. wide, bears N.50°E. and S.50°W.
299.75	Lode line; discovery point bears N.89°47'07'W., 1,019.50 ft. dist.
599.50	Cor. No. 1, and place of beginning.
	LIT. #11 LODE
	Beginning at Cor. No. 1 of the LIT. #11 lode, identical with Cor. No. 1 of the LIT. #8 lode and on line 1-2, LIT. #9 lode, both of this survey, and the 1/4 sec. cor. of secs. 19 & 30.
	Thence N.89°47'07'W.
299.75	Lode line; discovery point bears N.0°12'53"E., 1,319.50 ft. dist.
359.38	Cor. No. 1 of the LIT. #9 lode, identical with Cor. No. 1 of the LIT. #12 lode, both of this survey.
599.50	Cor. No. 2, identical with Cor. No. 4 of the LIT. #19 lode and on line 4-1, LIT. #12 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.11 2 L.19 4 U.S.M.S. 4875; from which
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
1,322.00	Intersect line 1-2 LIT. #18 lode of this survey.
1,499.50	Cor. No. 3, identical with Cor. No. 3 of the LIT. #19 lode of this survey.
	1

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FEET	
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.11 3 L.19 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
299.75	Lode line; discovery point bears S.0°12'53'W., 180.00 ft. dist.
590.	Center of unimproved dirt road, 12 ft. wide, bears N.40°E. and S.40°W.
599.50	Cor. No. 4, on line 2-3, LIT NO. 7A lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.11 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.0°12'53'W.
177.50	Intersect line 1-2, LIT. #18 lode of this survey.
900.00	Cor. No. 2 of the LIT NO. 7A lode, identical with Cor. No. 2 of the LIT. #8 lode, both of this survey.
1,120.5	Center of unimproved dirt road, 12 ft. wide, bears N.70°W. and S.70°E.
1,499.50	Cor. No. 1, and place of beginning.
	LIT. #12 LODE
	Beginning at Cor. No. 1 of the LIT. #12 lode, identical with Cor. No. 1 of the LIT. #9 lode and on line 1-2, LIT. #11 lode, both of this survey.
	Thence S.0°12'53"W.
1	

	mineral survey No. 40/5
FEET	
252.5	Center of unimproved dirt road, 12 ft. wide, bears N.75°E. and S.75°W.
599.50	Cor. No. 4 of the LIT. #9 lode, identical with Cor. No. 2 of the LIT. #10 lode, both of this survey.
1,199.00	Cor. No. 1 of the LIT. #10 lode, identical with Cor. No. 1 of the LIT. #13 lode, both of this survey.
1,221.	Center of unimproved dirt road, 12 ft. wide, bears N.80°E. and S.80°W.
1,499.50	Cor. No. 2, on line 4-1, LIT. #13 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.12 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.89°47'07'W.
138.	Center of unimproved dirt road, 12 ft. wide, bears North and South.
299.75	Lode line; discovery point bears N.0°12'53"E., 1,489.50 ft. dist.
599.50	Cor. No. 3, identical with Cor. No. 2 of the LIT. #20 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.12 3 L.20 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
102.	Center of unimproved dirt road, 12 ft. wide, bears N.70°E. and S.70°W.

	Mineral Survey No. 4875
FEET	
1,499.50	Cor. No. 4, identical with Cor. No. 1 of the LIT. #20 lode and on line 4-1, LIT. #19 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.12 4 L.20 l U.S.M.S. 4875; from which
	The 1/4 sec. cor. of secs. 19 & 30, bears S.89°47'07"E., 958.88 ft. dist., hereinbefore described.
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
299.75	Lode line; discovery point bears S.0°12'53'W., 10.00 ft. dist.
359.38	Cor. No. 4 of the LIT. #19 lode, identical with Cor. No. 2 of the LIT. #11 lode, both of this survey.
599.50	Cor. No. 1, and place of beginning.
	LIT. #20 LODE
	Beginning at Cor. No. 1 of the LIT. #20 lode, identical with Cor. No. 4 of the LIT. #12 lode and on line 4-1, LIT. #19 lode, both of this survey.
	The 1/4 sec. cor. of secs. 19 & 30, bears S.89°47'07"E., 958.88 ft. dist., hereinbefore described.
	Thence S.0°12'53'W.
1,397.5	Center of unimproved dirt road, 12 ft. wide, bears N.70°E. and S.70°W.
1,499.50	Cor. No. 2, identical with Cor. No. 3 of LIT. #12 lode of this survey.
	Thence N.89°47'07'W.
266.	Center of unimproved dirt road, 12 ft. wide, bears N.15°E. and S.19°W.
299.75	Lode line; discovery point bears N.0°12'53"E., 1,489.50 ft. dist.

	mineral Survey No. 40/3
FEET	
599.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.20 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
1,499.50	Cor. No. 4, on line 1-2, LIT NO. 21 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.20 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
299.75	Lode line; discovery point bears S.0°12'53'W., 10.00 ft. dist.
359.38	Cor. No. 1 of the LIT NO. 21 lode, identical with Cor. No. 1 of the LIT. #19 lode, both of this survey.
599.50	Cor. No. 1, and place of beginning.
	LIT. #19 LODE
	At Cor. No. 1 of the LIT. #19 lode, identical with Cor. No. 1 of the LIT NO. 21 lode and on line 4-1, LIT. #20 lode, both of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.19 l L.21 l U.S.M.S. 4875; from which
	The 1/4 sec. cor. of secs. 19 & 30, bears S.89°47'07"E., 1,199.40 ft. dist., hereinbefore described.

	Mineral Survey No. 4075
FEET	
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53'E.
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LIT NO. 21 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.19 2 L.21 4 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
299.75	Lode line; discovery point bears S.0°12'53'W., 600.00 ft. dist.
450.88	Intersect line 2-3, LIT. #18 lode of this survey.
599.50	Cor. No. 3, identical with Cor. No. 3 of the LIT. #11 lode of this survey.
	Thence S.0°12'53'W.
177.50	Intersect line 1-2, LIT. #18 lode of this survey.
1,499.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #11 lode and on line 4-1, LIT. #12 lode, both of this survey.
	Thence N.89°47'07'W.
299.75	Lode line; discovery point bears N.0°12'53"E., 899.50 ft. dist.
359.38	Cor. No. 4 of the LIT. #12 lode, identical with Cor. No. 1 of the LIT. #20 lode, both of this survey.
599.50	Cor. No. 1, and place of beginning.
	LIT NO. 21 LODE
	Beginning at Cor. No. 1 of the LIT NO. 21 lode, identical with Cor. No. 1 of the LIT. #19 lode and on line 4-1, LIT. #20 lode, both of this survey.

	Filleral burvey No. 4075
FEET	
	Thence N.89°47'07'W.
299.75	Lode line; discovery point bears N.0°12'53"E., 1,199.50 ft. dist.
359.38	Cor. No. 4 of the LIT. #20 lode of this survey.
599.50	Cor. No. 2.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.21 2 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°12'53"E.
1,299.	Center of unimproved dirt road, 12 ft. wide, bears N.32°E. and S.32°W.
1,499.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.21 3 U.S.M.S. 4875; from which
	A white PVC post, 4 ins. diam. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°47'07"E.
91.	Center of unimproved dirt road, 12 ft. wide, bears N.10°E. and S.10°W.
299.75	Lode line; discovery point bears S.0°12'53'W., 300.00 ft. dist.
599.50	Cor. No. 4, identical with Cor. No. 2 of the LIT. #19 lode of this survey.
	Thence S.0°12'53'W.
1,499.50	Cor. No. 1, and place of beginning.

FEET		
	Mineral Survey No. 4875	
	AREAS	Acres
	Total area, LIT NO. 1 lode	20.637
	Total area, LIT NO. 2 lode	20.637
	Total area, LIT. #3 lode	20.637
	Total area, LIT. #4 lode	20.637
	Total area, LIT. #15 lode	20.637
	Total area, LIT. #16 lode	20.637
	Total area, LIT. #5 lode	20.637
	Total area, LIT NO. 6 lode	20.637
	Total area, LIT. #13 lode	20.637
	Total area, LIT. #10 lode	20.637
	Total area, LIT. #9 lode	20.637
	Total area, LIT. #8 lode	15.691
100	Total area, LIT NO. 7A lode	20.637
	Area in conflict with: LIT. #18 lode of this survey	8.251
	Total area, LIT NO. 7B lode	20.637
	Area in conflict with: LIT. #18 lode of this survey	2.090
	Total area, LIT NO. 7C lode	20.637
	Total area, LIT. #18 lode	20.637
	LIT. #11 lode of this survey	2.443
	LIT. #19 lode of this survey	0.606
	Total area, LIT. #11 lode	20.637
	Total area, LIT. #12 lode	20.637
	Total area, LIT. #20 lode	20.637

FEET	
	AREAS Acres
	Total area, LIT. #19 lode 20.637
	Total area, LIT NO. 21 lode 20.637
	LOCATION
	This survey is located in the SE & SW 1/4s Sec. 19; SW 1/4 Sec. 20; NW 1/4 Sec. 29 and the NE & NW 1/4s Sec. 30, T.1 S., R.12 E., G.& S.R.M. The survey of the LIT. #s 3-5, 8-13, 15, 16, 18-20 and LIT NO.s 1, 2, 6, 7A, 7B, 7C and 21 lodes is identical with the locations or amended locations as marked on the ground.
	EXPENDITURES
	The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claims by the claimant or its grantors are as follows:
No. 1	The discovery point of the LIT NO. 1 lode is on the lode line, 300. ft. from a point on line 2-3, 299.75 ft. from Cor. No. 2, a post and notice. Value, None
No. 2	A scraped area, irregular in shape, the northernmost point of which bears S.82°E., 120. ft. from Cor. No. 3 of the LIT NO. 1 lode, 50. ft. wide and running S.72°W., 100. ft. Value, \$ 200.
No. 1	The discovery point of the LIT NO. 2 lode is on the lode line, 150. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3, a post and notice. Value, None
No. 1	The discovery point of the LIT. #3 lode is on the lode line, 20. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 1	The discovery point of the LIT. #4 lode is on the lode line, 180. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3, a post and notice. Value, None

	Mineral Survey No. 4875
FEET	
No. 2	A pit, oval in shape, the southernmost point of which bears N.89°E., 200. ft. from Cor. No. 3 of the LIT. #4 lode, 60. ft. wide with an average depth of 6. ft. and running northerly 80. ft. Value, \$ 600.
No. 3	A scraped area, kidney shaped, the southernmost point of which bears N.86°E., 770. ft. from Cor. No. 3 of the LIT. #4 lode, 50. ft. wide and running N.22°E., 150. ft. Value, \$ 150.
No. 4	A pit, irregular in shape, the northernmost point of which bears S.76°E., 400. ft. from Cor. No. 4 of the LIT. #4 lode, 160. ft. wide, average depth 4. ft. and running S.61°E., 180. ft. Value \$ 500.
No. 1	The discovery point of the LIT. #15 lode is on the lode line, 60. ft. from a point on line 1-2, 299.75 ft. from Cor. No. 1, a post and notice. Value, None
No. 1	The discovery point of the LIT. #16 lode is on the lode line, 10. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 1	The discovery point of the LIT. #5 lode is on the lode line, 180. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 2	A pit, rectangular in shape, the northeast cor. of which bears S.88°E., 470. ft. from Cor. No. 3 of the LIT. #5 lode, 30. ft. wide, average depth 5. ft., running southerly 100. ft. Value, \$ 300.
No. 1	The discovery point of the LIT NO. 6 lode is on the lode line, 220. ft. from a point on line 1-2, 299.75 ft. from Cor. No. 1, a post and notice. Value, None
No. 1	The discovery point of the LIT. #13 lode is on the lode line, 100. ft. from a point on line 2-3, 299.75 ft. from Cor. No. 2, a post and notice. Value, None
No. 1	The discovery point of the LIT. #10 lode is on the lode line, 250. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3, a post and notice. Value, None

	Mineral burvey No. 4075
FEET	
No. 1	The discovery point of the LIT. #9 lode is on the lode line, 250. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 2	A scraped area, half-moon shaped, the southwestern-most point of which bears S.2°E., 255. ft. from Cor. No. 1 of the LIT. #9 lode, 60. ft. wide and running N.67°E., 120. ft. Value, \$ 250.
No. 1	The discovery point of the LIT. #8 lode is on the lode line, 120. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3, a post and notice. Value, None
No. 1	The discovery point of the LIT NO. 7A lode is on the lode line, 75. ft. from a point on line 1-2, 299.75 ft. from Cor. No. 1, a post and notice. Value, None
No. 1	The discovery point of the LIT NO. 7B lode is on the lode line, 300. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 1	The discovery point of the LIT NO. 7C lode is on the lode line, 60. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 1	The discovery point of the LIT. #18 lode is on the lode line, 480. ft. from a point on line 1-2, 299.75 ft. from Cor. No. 1, a post and notice. Value, None
No. 1	The discovery point of the LIT. #11 lode is on the lode line, 180. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3, a post and notice. Value, None
No. 1	The discovery point of the LIT. #12 lode is on the lode line, 10. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 2	A pit, irregular in shape, the northernmost point of which bears S.20°W., 725. ft. from Cor. No. 1 of the LIT. #12 lode, 60. ft. wide, average depth 3. ft., running southeasterly 90. ft. Value, \$ 500.

	Miletal bulvey No. 4075
FEET	
No. 1	The discovery point of the LIT. #20 lode is on the lode line, 10. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 1	The discovery point of the LIT. #19 lode is on the lode line, 600. ft. from a point on line 2-3, 299.75 ft. from Cor. No. 2, a post and notice. Value, None
No. 1	The discovery point of the LIT NO. 21 lode is on the lode line, 300. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3, a post and notice. Value, None
	An interest in a common improvement described as follows:
	A drill hole, No. 67-12, bears N.76°W., 555 ft. from Cor. No. 2 of the LIT NO. 2 lode; 3 ins. diam. in size, 7.5 ft. deep. Value, \$ 135.
	A drill hole, No. W-5, bears S.84°W., 520 ft. from Cor. No. 4 of the LIT. #3 lode; 3 ins. diam. in size, 20 ft. deep. Value, \$ 360.
	A drill hole, No. 67-8, bears S.70°W., 480 ft. from Cor. No. 4 of the LIT. #3 lode; 3 ins. diam. in size, 43 ft. deep. Value, \$ 774.
	A drill hole, No. 67-1, bears N.88°E., 510 ft. from Cor. No. 2 of the LIT. #3 lode; 3 ins. diam. in size, 9 ft. deep. Value, \$ 162.
	A drill hole, No. W-3, bears S.68°E., 340 ft. from Cor. No. 4 of the LIT. #4 lode; 3 ins. diam. in size, 3 ft. deep. Value, \$ 54.
	A drill hole, No. W-4, bears S.77°E., 385 ft. from Cor. No. 4 of the LIT. #4 lode; 3 ins. diam. in size, 20 ft. deep. Value, \$ 360.
	A drill hole, No. 71-3, bears S.70°E., 385 ft. from Cor. No. 4 of the LIT. #4 lode; 3 ins. diam. in size, 100 ft. deep. Value, \$ 1,800.
	A drill hole, No. 71-4, bears S.70°E., 370 ft. from Cor. No. 4 of the LIT. #4 lode; 3 ins. diam. in size, 54 ft. deep. Value, \$ 972.
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FEET

- A drill hole, No. 68-4, bears N.87°E., 720 ft. from Cor. No. 4 of the LIT. #16 lode; 3 ins. diam. in size, 66 ft. deep. Value, \$ 488.
- A drill hole, No. 68-5, bears N.83°E., 685 ft. from Cor. No. 4 of the LIT. #16 lode; 3 ins. diam. in size, 4 ft. deep.

 Value, \$ 72
- A drill hole, No. 87-1, bears S.83°E., 415 ft. from Cor. No. 3 of the LIT. #5 lode; 3 ins. diam. in size, 108 ft. deep. Value, \$1,944.
- A drill hole, No. 87-4, bears N.38°E., 340 ft. from Cor. No. 2 of the LIT. #5 lode; 3 ins. diam. in size, 13 ft. deep. Value, \$ 234.
- A drill hole, No. 78-6, bears S.45°E., 155 ft. from Cor. No. 3 of the LIT. #5 lode; 3 ins. diam. in size, 25 ft. deep. Value, \$ 450.
- A drill hole, No. 87-3, bears N.89°30'E., 390 ft. from Cor. No. 2 of the LIT. #5 lode; 3 ins. diam. in size, 12.6 ft. deep. Value, \$ 227.
- A drill hole, No. 87-2, bears N.78°W., 600 ft. from Cor. No. 1 of the LIT. #5 lode; 3 ins. diam. in size, 42 ft. deep. Value, \$ 756.
- A drill hole, No. X-1, bears S.84°W., 455 ft. from Cor. No. 4 of the LIT. #5 lode; 3 ins. diam. in size, 13 ft. deep.
 Value, \$ 234.
- A drill hole, No. X-3, bears N.69°W., 580 ft. from Cor. No. 1 of the LIT. #5 lode; 3 ins. diam. in size, 55 ft. deep.
 Value, \$ 990.
- A drill hole, No. X-4, bears S.76°W., 540 ft. from Cor. No. 4 of the LIT. #5 lode; 3 ins. diam. in size, 49.5 ft. deep. Value, \$891.
- A drill hole, No. 68-6, bears S.87°W., 515 ft. from Cor. No. 1 of the LIT NO. 6 lode; 3 ins. diam. in size, 48 ft. deep. Value, \$ 864.
- A drill hole, No. 68-3, bears N.56°W., 555 ft. from Cor. No. 3 of the LIT. #13 lode; 3 ins. diam. in size, 2.5 ft. deep. Value, \$45.
- A drill hole, No. 68-9, bears S.74°W., 360 ft. from Cor. No. 3 of the LIT. #10 lode; 3 ins. diam. in size, 17 ft. deep. Value, \$ 308.

FEET

- A drill hole, No. 68-7, bears N.42°W., 215 ft. from Cor. No. 4 of the LIT. #10 lode; 3 ins. diam. in size, 28 ft. deep. Value, \$ 504.
- A drill hole, No. W-8, bears N.70°W., 675 ft. from Cor. No. 4 of the LIT. #10 lode; 3 ins. diam. in size, 60 ft. deep. Value, \$1,080.
- A drill hole, No. 67-2, bears N.75°30'E., 585 ft. from Cor. No. 1 of the LIT. #10 lode; 3 ins. diam. in size, 90 ft. deep. Value, \$ 1,620.
- A drill hole, No. W-9, bears S.13°E., 240 ft. from Cor. No. 1 of the LIT. #9 lode; 3 ins. diam. in size, 20 ft. deep. Value, \$ 360.
- A drill hole, No. W-10, bears S.78°E., 350 ft. from Cor. No. 1 of the LIT. #9 lode; 3 ins. diam. in size, 8 ft. deep. Value, \$ 144.
- A drill hole, No. 67-4, bears S.20°E., 245 ft. from Cor. No. 1 of the LIT. #9 lode; 3 ins. diam. in size, 7.5 ft. deep. Value, \$ 135.
- A drill hole, No. 67-3, bears S.59°E., 425 ft. from Cor. No. 1 of the LIT. #9 lode; 3 ins. diam. in size, 5 ft. deep.

 Value, \$ 90.
- A drill hole, No. 68-8, bears N.37°W., 175 ft. from Cor. No. 3 of the LIT. #9 lode; 3 ins. diam. in size, 33.5 ft. deep. Value, \$ 603.
- A drill hole, No. W-6, bears S.28°W., 325 ft. from Cor. No. 3 of the LIT. #8 lode; 3 ins. diam. in size, 20 ft. deep.

 Value, 360.
- A drill hole, No. W-7, bears S.26°W., 250 ft. from Cor. No. 3 of the LIT. #8 lode; 3 ins. diam. in size, 20 ft. deep. Value, 360.
- A drill hole, No. 67-11, bears S.6°W., 460 ft. from Cor. No. 3 of the LIT NO. 7C lode; 3 ins. diam. in size, 10.5 ft. deep. Value, \$ 189.
- A drill hole, No. 67-11-1B, bears S.22°W., 545 ft. from Cor. No. 3 of the LIT NO. 7C lode; 3 ins. diam. in size, 137 ft. deep. Value, \$ 2,466.
- A drill hole, No. W-14, bears N.67°30'W., 515 ft. from Cor. No. 1 of the LIT. #18 lode; 3 ins. diam. in size, 20 ft. deep. Value, \$ 360.

FEET

- A drill hole, No. W-11, bears N.9°30'E., 780 ft. from Cor. No. 2 of the LIT. #11 lode; 3 ins. diam. in size, 20 ft. deep. Value, \$ 360.
- A drill hole, No. W-12, bears S.11°30'E., 700 ft. from Cor. No. 3 of the LIT. #11 lode; 3 ins. diam. in size, 20 ft. deep. Value, \$ 360.
- A drill hole, No. 67-7, bears N.18°W., 480 ft. from Cor. No. 1 of the LIT. #11 lode; 3 ins. diam. in size, 8.5 ft. deep. Value, \$ 153.
- A drill hole, No. 67-6, bears S.25°W., 435 ft. from Cor. No. 4 of the LIT. #11 lode; 3 ins. diam. in size, 124 ft. deep. Value, \$ 2,232.
- A drill hole, No. W-16, bears S.21°W., 810 ft. from Cor. No. 1 of the LIT. #12 lode; 3 ins. diam. in size, 20 ft. deep. Value, \$ 360.
- A drill hole, No. 67-5, bears S.19°W., 815 ft. from Cor. No. 1 of the LIT. #12 lode; 3 ins. diam. in size, 44.5 ft. deep. Value, \$801.
- A drill hole, No. W-15, bears S.5°30'W., 590 ft. from Cor. No. 3 of the LIT. #19 lode; 3 ins. diam. in size, 60 ft. deep. Value, \$1,080.

Value of drill holes \$ 25,737.00 Value of one-twenty-first interest 1,226.00

This improvement is for the development of perlite ore reserves and is a continuing program. While outdrops and excavations are useful in examining perlite deposits, drilling and recovery of cuttings and cores is the only method for determining the extent of the perlite. Thus, it affords the most practical and economical means of developing the ore on each of the stated lodes.

Five hundred dollars or more has been expended on this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore, an undivided one-twenty-first interest in its value is hereby credited to each of said lodes.

No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

An interest in a common improvement described as follows:

An improved gravel road that provides access to LIT NO. 2 and LIT. #s 3, 4, 5, 10, 13, 15 & 16 lodes enters LIT. #13 lode at a point that bears S.89°47'07"E., 448 ft. from Cor. No. 4 of the LIT. #13 lode; thence northeasterly 850 ft. entering the LIT. #10 lode at a point that bears N.89°47'07'W., 481 ft. from Cor. No. 4 of the LIT. #10 lode, identical with Cor. No. 2 of the LIT. #5 lode, Cor. No. 4 of the LIT NO. 6 lode and Cor. No. 2 of the LIT. #13 lode; thence continuing northeasterly 540 ft. entering the LIT. #5 lode at a point that bears S.89°47'07"E., 213 ft. from Cor. No. 2 of the LIT. #5 lode, identical with Cor. No. 4 of the LIT NO. 6 lode, Cor. No. 2 of the LIT. #13 lode and Cor. No. 4 of the LIT. #10 lode; thence northeasterly 200 ft. at which point a secondary road bears left and continues 100 ft. west entering LIT. #10 lode at a point that bears N.0°12'53"E., 334 ft. from Cor. No. 2 of the LIT. #5 lode, identical with Cor. No. 4 of the LIT NO. 6 lode, Cor. No. 2 of the LIT. #13 lode and Cor. No. 4 of the LIT. #10 lode. From the preceeding intersection, the primary road bears North 20 ft. at which point a secondary road bears right and continues 200 ft. east at which point the road curves to the south 330 ft. and divides. The right fork bears southwest 140 ft. entering LIT NO. 6 lode at a point that bears S.89°47'07"E., 446 ft. from Cor. No. 4 of the LIT NO. 6 lode, identical with Cor. No. 2 of the LIT. #13 lode, Cor. No. 4 of the LIT. #10 lode and Cor. No. 2 of the LIT. #5 lode; thence a curve to the west 460 ft. entering LIT. #13 at a point that bears S.0°12'53'W., 123 ft. from Cor. No. 2 of the LIT. #13 lode, identical with Cor. No. 4 of the LIT. #10 lode, Cor. No. 2 of the LIT. #5 lode and Cor. No. 4 of the LIT NO. 6 lode; thence southwesterly 1,170 ft. exiting LIT. #13 lode at a point that bears S.89°47'07"E., 479 ft. from Cor. No. 4 of the LIT. #13 lode. The left fork of the preceeding intersection bears southeasterly 300 ft. entering LIT NO. 6 lode at a point that bears N.89°47'07'W. 730 ft. from Cor. No. 1 of the LIT NO. 6 lode, identical with Cor. No. 1 of the LIT. #5 lode; thence southerly 160 ft. at which point a curve to the left commences and continues northerly 160 ft. entering LIT. #5 lode at a point that bears N.89°47'07'W., 552 ft. from Cor. No. 1 of the LIT. #5 lode, identical with Cor. No. 1 of the LIT NO. 6 lode; thence northwesterly 580 ft. at which point the road divides, the left fork of which continues north-westerly 180 ft. where it terminates at the north end of a pit. The right fork bears North 110 ft. entering LIT. #4 lode at a point that bears S.89°47'07"E., 639 ft. from Cor. No. 3 of the LIT. #4 lode, identical with Cor. No. 3 of the LIT. #5 lode, Cor. No. 3 of the LIT. #10 lode and Cor. No. 3 of the LIT #9 lode; ' thence curving northeasterly 240 ft. at which point the road turns sharply to the right bearing southerly 100 ft where it terminates at a drill pad.

The primary road continues North 240 ft. entering LIT. #4 lode at a point that bears S.89°47'07"E., 141 ft. from Cor. No. 3 of the LIT. #4 lode, identical with Cor. No. 3 of the LIT. #5

lode, Cor. No. 3 of the LIT. #10 lode and Cor. No. 3 of the LIT. #9 lode; thence North 230 ft. at which point the road curves gently to the right and bears northeasterly 500 ft. entering LIT. #3 lode at a point that bears S.89°47'07"E., 473 ft. from Cor. No. 2 of the LIT. #3 lode, identical with Cor. No. 4 of the LIT. #4 lode, Cor. No. 2 of the LIT. #9 lode and Cor. No. 4 of the LIT. #8 lode; thence northeasterly 800 ft. at which point the road divides, the left fork, a secondary road hereinafter designated (S1), the right fork of which is the primary road, and continues northeasterly 300 ft. entering LIT NO. 2 lode at a point that bears N.89°47'07'W., 179 ft. from Cor. No. 4 of the LIT. #3 lode, identical with Cor. No. 2 of the LIT. #15 lode; thence northeasterly 580 ft. at which point the road divides, the left fork, a secondary road, hereinafter designated (S2), the right fork of which is the primary road curving to the southeast 520 ft. and entering LIT. #15 lode at a point that bears N.89°47'07'W., 142 ft. from Cor. No. 2 of the LIT NO. 2 lode; thence curving from southeasterly to southerly 650 ft. entering the LIT. #16 lode at a point that bears N.89°47'07'W., 658 ft. from Cor. No. 2 of the LIT. #16 lode, identical with Cor. No. 4 of the LIT. #15 lode; thence southerly 600 ft. exiting the LIT. #16 lode at a point that bears N.89°47'07'W., 690 ft. from Cor. No. 3 of the LIT. #16 lode; thence curving sharply to the northeast 65 ft. and entering LIT. #16 lode at a point that bears N.89°47'07'W., 628 ft. from Cor. No. 3 of the LIT. #16 lode; thence curving sharply from northeast to south and exiting the LIT. #16 lode at a point that bears N.89°47'07'W., 482 ft. from Cor. No. 3 of the LIT. #16 lode. The left fork (S2) bears northwesterly, 260 ft. entering the LIT NO. 1 lode at a point that bears N.89°47'07"W., 594 ft. from Cor. No. 1 of the LIT NO. 1 lode, identical with Cor. No. 1 of the LIT NO. 2 lode; thence northwesterly 660 ft. exiting the LIT NO. 1 lode at a point that bears N.89°47'07'W., 869 ft. from Cor. No. 4 of the LIT NO. 1 lode. The left fork (S1) bears northwesterly 230 ft. entering LIT NO. 2 lode at a point that bears S.89°47'07"E., 270 ft. from Cor. No. 3 of LIT NO. 2, identical with Cor. No. 4 of the LIT NO. 7C lode; thence northwesterly 100 ft. at which point the road divides, the right fork of which continues northwesterly 320 ft. entering the LIT NO. 7C lode at a point that bears N.0°12'53"E., 326 ft. from Cor. No. 3 of the LIT NO. 2 lode, identical with Cor. No. 4 of the LIT NO. 7C lode; thence northwesterly 350 ft. at which point the road curves slowly to the right and bears northeasterly 550 ft. entering LIT NO. 1 lode at a point that bears S.0°12'53"E., 100 ft. from Cor. No. 3 of the LIT NO. 1 lode which is the southwest end of a drill pad; the left fork bears southwesterly entering the LIT. #3 lode at a point that bears S.89°47'07"E., 97 ft. from Cor. No. 3 of the LIT NO. 2 lode, identical with Cor. No. 4 of the LIT NO. 7C lode; thence a gentle curve from southwest to northwest 720 ft. entering the LIT NO 7B lode at a point identical with Cor. No. 4 of the LIT

NO. 7B lode, identical with Cor. No. 1 of the LIT NO. 7C lode; thence westerly 600 ft. entering the LIT NO. 7A lode at a point that bears N.O°12'53"E., 12 ft. from Cor. No. 1 of the LIT NO. 7A lode, identical with Cor. No. 1 of the LIT NO. 7B lode; thence southwesterly 30 ft. entering the LIT. #8 lode at a point that bears N.89°47'07'W., 28 ft. from Cor. No. 1 of the LIT NO. 7A lode, identical with Cor. No. 1 of the LIT NO. 7B lode; thence southwesterly 540 ft. at which point the road divides. The right fork bears northwesterly 120 ft. entering the LIT. #11 lode at a point that bears S.0°12'53"E., 221 ft. from Cor. No. 2 of the LIT. #8 lode, identical with Cor. No. 2 of the LIT NO. 7A lode; thence northwest 500 ft. at which point a curve to the right commences and bears northeasterly 700 ft. entering LIT. #18 at a point that bears S.89°47'07E., 635 ft. from Cor. No. 2 of the LIT. #18; thence northeast 200 ft. exiting the LIT. #11 lode at a point that bears N.89°47'07'W., 10 ft. from Cor. No. 4 of the LIT. #11; thence northeasterly 12 ft. entering the LIT NO. 7A lode at a point that bears N.O°12'53"E., 6 ft. from Cor. No. 4 of the LIT. #11 lode; thence easterly 300 ft. at which point the road curves northeasterly 350 ft. entering LIT NO. 7B at a point that bears S.0°12'53'W., 431 ft. from Cor. No. 4 of the LIT NO. 7A lode, identical with Cor. No. 2 of the LIT NO. 7B lode; thence southeast 80 ft. at which point the road curves northeast 80 ft. exiting the LIT. #18 lode at a point that bears S.0°12'53'W., 249 ft. from Cor. No. 4 of the LIT. #18 lode; thence northeast 450 ft. at which point the road turns sharply to the northwest 70 ft. at which point the road divides, the left fork bears northwest 150 ft. and turns sharply to the northeast 30 ft. exiting the LIT NO. 7B lode at a point that bears N.89°47'07'W., 216 ft. from Cor. No. 3 of the LIT NO. 7B lode, identical with Cor. No. 2 of the LIT NO. 7C lode. right fork bears easterly 75 ft. entering the LIT NO. 7C lode at a point that bears S.0°12'53'W., 112 ft. from Cor. No. 3 of the LIT NO. 7B lode, identical with Cor. No. 2 of the LIT NO. 7C lode; thence northeasterly 310 ft. exiting the LIT No. 7C lode at a point that bears S.89°47'07"E., 289 ft. from Cor. No. 3 of the LIT NO. 7B lode, identical with Cor. No. 2 of the LIT NO. 7C lode.

The left fork at the intersection of the roads on the LIT. #8 lode bears southeasterly 170 ft. at which point the road curves southwesterly 260 ft. entering the LIT. #9 lode at a point that bears S.89°47'07"E., 61 ft. from Cor. No. 1 of the LIT. #11 lode, identical with Cor. No. 1 of the LIT. #8 lode and the 1/4 sec. cor. of secs. 19 & 30; thence southwesterly 500 ft. entering the LIT. #12 lode at a point that bears S.0°12'53"W., 253 ft. from Cor. No. 1 of the LIT #12 lode, identical with Cor. No. 1 of the LIT. #9 lode; thence westerly 390 ft. at which point the road turns sharply southerly 650 ft. at which point the road divides, the right fork of which bears southwest 620 ft. entering the LIT. #20 lode at a point that bears N.0°12'53"E., 102 ft. from Cor. No. 2 of the LIT. #20 lode,

identical with Cor. No. 3 of the LIT. #12 lode; thence southwesterly 250 ft. at which point the road curves southerly exiting LIT. #20 lode at a point that bears N.89°47'07'W., 266 ft. from Cor. No. 2 of the LIT. #20 lode, identical with Cor. No. 3 of the LIT. #12 lode. The left fork bears southerly 300 ft. at which point the road divides, the right fork bearing southeasterly 320 ft. exiting LIT. #12 at a point that bears N.89°47'07'W., 138 ft. from Cor. No. 2 of the LIT. #12 lode. The left fork bears easterly 250 ft. entering LIT #13 at a point that bears S.0°12'53"W., 22 ft. from Cor. No. 1 of the LIT. #13 lode, identical with Cor. No. 1 of the LIT #10 lode; thence easterly 85 ft. entering the LIT. #10 lode at a point that bewars S.89°47'07"E., 82 ft. from Cor. No. 1 of the LIT. #10 lode, identical with Cor. No. 1 of the LIT. #13 lode; thence easterly 1,480 ft. entering LIT. #5 lode at a point heretofore described.

Value of roads \$ 65,000. Value of one-twenty-first interest 3,095.

This improvement was constructed to provide access to the individual improvements on the various lodes as well as drill site locations. The location of the latter are shown on the plat and further described as a common improvement below. The roads described above are the only access to the various improvements and drill site locations and thus afford the only practical and economical means of developing the lodes of this survey.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore, an undivided one-twenty-first interest in its value is hereby credited to each of said lodes.

No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

OTHER CORNER DESCRIPTIONS and SUPPLEMENTAL DATA

The sec. cor. of Secs. 19, 20, 29 & 30, described above. The 1/4 sec. cor. of Secs. 19 & 30, described above. The line between the sec. cor. of Secs. 19, 20, 29 & 30 and the 1/4 sec. cor. of Secs. 19 & 30 was found to be S.89°47'07"E., 2,639.62 ft. instead of N.89°57'E., 2,640.00 ft. as approved.

MEMORANDUM

None

FEET							
	FIELD ASSISTANTS						
	Name	Capacity					
	Kent Miller	Assistant Instrumentman					
	Gary Shew	Rodman-Chainman					

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name	of	Mineral	Surveyor	
Harve	ev 1	W. Smith		

| Date

January 22, 1992

I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated March 1, 1990, I have carefully executed the survey of the claim of GREFCO, Inc., known as the LIT NO.'s 1 and 2, LIT. #'s 3-5 (Amended), LIT NO.'s 6, 7A, 7B and 7C, LIT. #'s 8-11 (Amended), LIT. # 12, LIT. # 13 (2nd Amended), LIT. #'s 15 and 16 (Amended), LIT. #'s 18 and 19 (Amended), LIT. # 20, and LIT NO. 21 lodes, situated in surveyed sections 19, 20, 29 and 30, Township 1 South, Range 12

This survey, designated as number 4875, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

East, Gila and Salt River Meridian, in the State of Arizona.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the lodes LIT NO.'s 1 and 2, LIT. #'s 3-5 (Amended), LIT NO.'s 6, 7A, 7B and 7C, LIT. #'s 8-11 (Amended), LIT. # 12, LIT. # 13 (2nd Amended), LIT. #'s 15 and 16 (Amended), LIT. #'s 18 and 19 (Amended), LIT. # 20, AND LIT NO. 21 locations embraced in the said mining claim by claimants or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Scottsdale, Arizona

(Location)

(Signature of Mineral Surveyor)

Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3860-11 UNITED STATES
(March 1991) DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF EXPENDITURES, IMPROVEMENTS, AND MINERAL SURVEY

Name of Claimant

GREFCO, Inc.

Serial Number

Mineral Survey Number

4875

I HEREBY CERTIFY That the record of the above-described mineral survey furnishes such an accurate description of all claims embraced within the survey that it will, if incorporated into a patent, serve fully to identify the premises and that references are made in the survey to natural objects or permanent monuments so that the location of the claims will be perpetuated and fixed.

I FURTHER CERTIFY That the record reveals 1) not less than \$500 worth of labor has been expended for improvements upon and for the benefit of each of the lode claims embraced within the survey, and 2) that the improvements were made by the claimant or his grantors.

Date

Authorized Signature

February 24, 1992

Chief, Branch of Cadastral Survey

MEDZ

CERTIFICATE OF APPROVAL

Arizona State Office Phoenix, Arizona February 19, 1992

The foregoing field notes of mineral survey number 4875, in surveyed sections 19, 20, 29 and 30, Township 1 South, Range 12 East, Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith, Mineral Surveyor, under order dated March 1, 1990, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

(Authorized Signature)

Chief Cadastral Surveyor of Arizona

(Title)